

Docket No.: 077197-0019

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Zhengfu HAN et al.  
 Appl. No. : 10/588,042  
 Int'l Filing Date : August 1, 2006  
 Title : A POLARIZATION-  
 CONTROLLED ENCODING  
 METHOD, ENCODER, AND  
 QUANTUM KEY  
 DISTRIBUTION FORM  
 Grp./A.U. : Not Yet Assigned  
 Examiner : Not Yet Assigned

**Certificate of Mailing**

I hereby certify that this correspondence (along with any documents referred to as attached or enclosed) is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 11, 2007.

  
 Sarah J. Goodnight

**RESPONSE TO NOTICE OF**  
**MISSING REQUIREMENTS UNDER 35 U.S.C. 371**

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

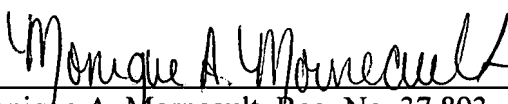
In response to the Notice of Missing Requirements dated March 21, 2007, submitted herewith is a Declaration and a Power of Attorney by Assignee and Certification Under 37 C.F.R. § 3.73(b), with copy of the executed Assignment attached.

The surcharge for the late filing of the Declaration has previously been paid. However, the Commissioner is authorized to charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 13-0206 and please credit any excess fees to such deposit account.

It is requested that the official filing receipt now be issued.

Respectfully submitted,

Dated: May 11, 2007

  
 Monique A. Morneault, Reg. No. 37,893  
 McDermott Will & Emery LLP  
**Please recognize our Customer No. 1923**  
**as our correspondence address.**

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 Date: May 11, 2007 CHI99 4824997-1.077197.0019



## UNITED STATES PATENT AND TRADEMARK OFFICE

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www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/588,042	FIRST NAMED APPLICANT Han Zhengfu	ATTY. DOCKET NO. 7605 P 003
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**RECEIVED**  
MAR 29 2007  
McDERMOTT WILL & EMERY LLP

INTERNATIONAL APPLICATION NO.

PCT/CN04/00969

I.A. FILING DATE	PRIORITY DATE
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08/19/2004

02/02/2004

CONFIRMATION NO. 3659

371 FORMALITIES LETTER



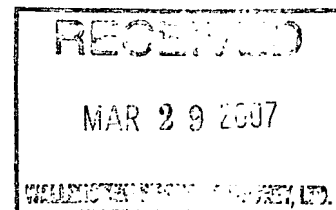
\*OC000000022963696\*

Date Mailed: 03/21/2007.

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 08/01/2006
- English Translation of the IA filed on 08/01/2006
- Copy of the International Search Report filed on 08/01/2006
- Copy of IPE Report filed on 08/01/2006
- Copy of Annexes to the IPE filed on 08/01/2006
- English Translation of Annexes to the IPE filed on 08/01/2006
- U.S. Basic National Fees filed on 08/01/2006
- Priority Documents filed on 08/01/2006
- Specification filed on 08/01/2006
- Claims filed on 08/01/2006
- Abstracts filed on 08/01/2006
- Drawings filed on 08/01/2006



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions

**DOCKETED**

05-21-2007  
8am

of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

KAREN R MCLEAN

Telephone: (703) 308-9140 EXT 214

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/588,042	PCT/CN04/00969	7605 P 003

FORM PCT/DO/EO/905 (371 Formalities Notice)